Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM083119\
Data File : BM022466.D
Acq On : 31 Aug 2019 11:20
Operator : HP/JU
Sample : K4568-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-38-COMP

Quant Time: Aug 31 15:50:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 16:51:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	30112	20.00	ng		-0.01
21) Naphthalene-d8	10.29	136	105156	20.00	ng		0.00
39) Acenaphthene-d10	14.18	164	66885	20.00	ng		0.00
64) Phenanthrene-d10	16.95	188	149477	20.00	ng		0.00
76) Chrysene-d12	21.17	240	189109	20.00	ng		0.00
87) Perylene-d12	23.36	264	218757	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	257778	150.27	ng		0.00
7) Phenol-d6	6.72	99	323314	140.94	ng		0.00
23) Nitrobenzene-d5	8.69	82	227255	94.66	ng		0.00
42) 2,4,6-Tribromophenol	15.70	330	225136	164.49	ng		0.00
45) 2-Fluorobiphenyl	12.79	172	544743	92.26	ng		0.00
79) Terphenyl-d14	19.60	244	1367623	95.44	ng		0.00
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	3.53	42	108	0.082	ng	#	14
9) Benzaldehyde	6.72	77	1033	0.723	ng	#	10
10) Phenol	6.75	94	8191	3.554	ng	#	63
15) Benzyl Alcohol	7.83	79	5106	2.346	ng	#	28
24) Nitrobenzene	8.69	77	1093	0.473	ng	#	45
46) 1,1'-Biphenyl	13.00	154	394	0.072	ng	#	43
50) Dimethylphthalate	13.66	163	86546	14.877	ng		99
60) Diethylphthalate	15.03	149	1668	0.275	ng	#	60
71) Phenanthrene	16.99	178	902	0.104	ng	#	60
72) Anthracene	17.09	178	279	0.033	ng	#	61
73) Carbazole	17.40	167	2082	0.294	ng	#	82
74) Di-n-butylphthalate	17.92	149	4309	0.448	ng	#	83
75) Fluoranthene	19.03	202	3718	0.320	ng		79
78) Pyrene	19.40	202	4344	0.337	ng		95
80) Butylbenzylphthalate	20.30	149	3179	0.707	ng	#	82
81) Benzo(a)anthracene	21.16	228	5397	0.398	ng		94
83) Chrysene	21.21	228	5753	0.445	ng		96
84) Bis(2-ethylhexyl)phthalate	21.07	149	2966	0.486	ng	#	92
85) Di-n-octyl phthalate	21.93	149	1447	0.148	ng	#	1
88) Benzo(b)fluoranthene	22.72	252	1769	0.116	ng	#	14
89) Benzo(k)fluoranthene	22.76	252	1587	0.105	ng	#	1
90) Benzo(a)pyrene	23.27	252	1250	0.093	ng	#	1

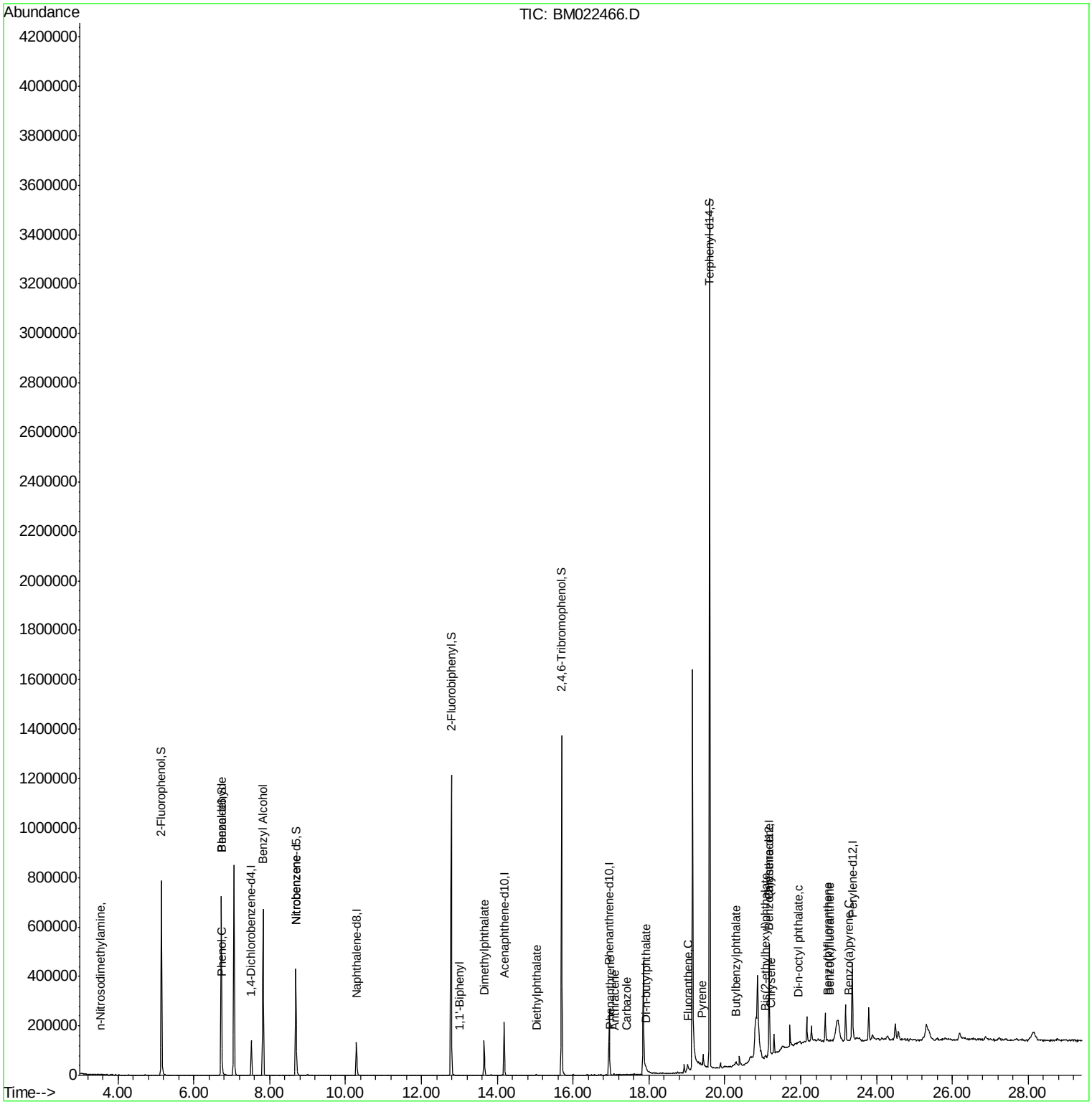
(#) = qualifier out of range (m) = manual integration (+) = signals summed

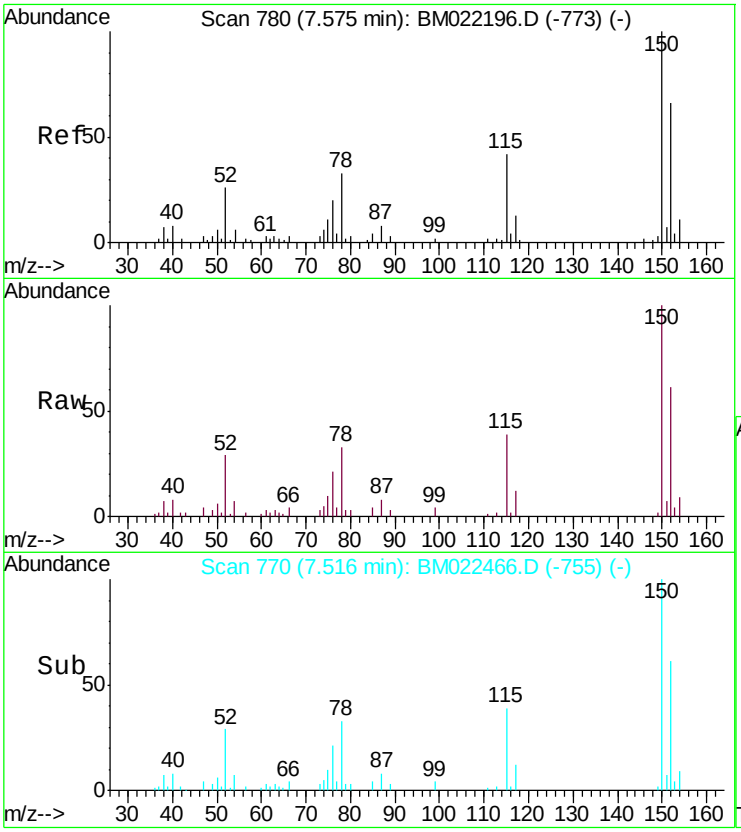
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM083119\
Data File : BM022466.D
Acq On : 31 Aug 2019 11:20
Operator : HP/JU
Sample : K4568-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-38-COMP

Quant Time: Aug 31 15:50:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 16:51:32 2019
Response via : Initial Calibration



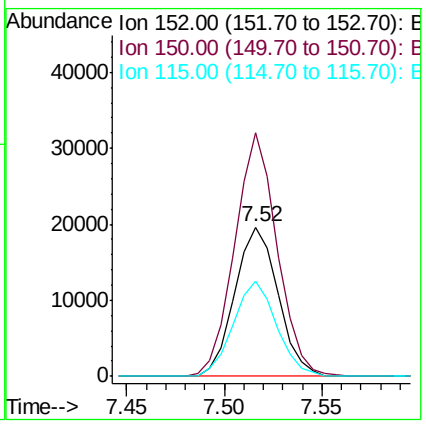


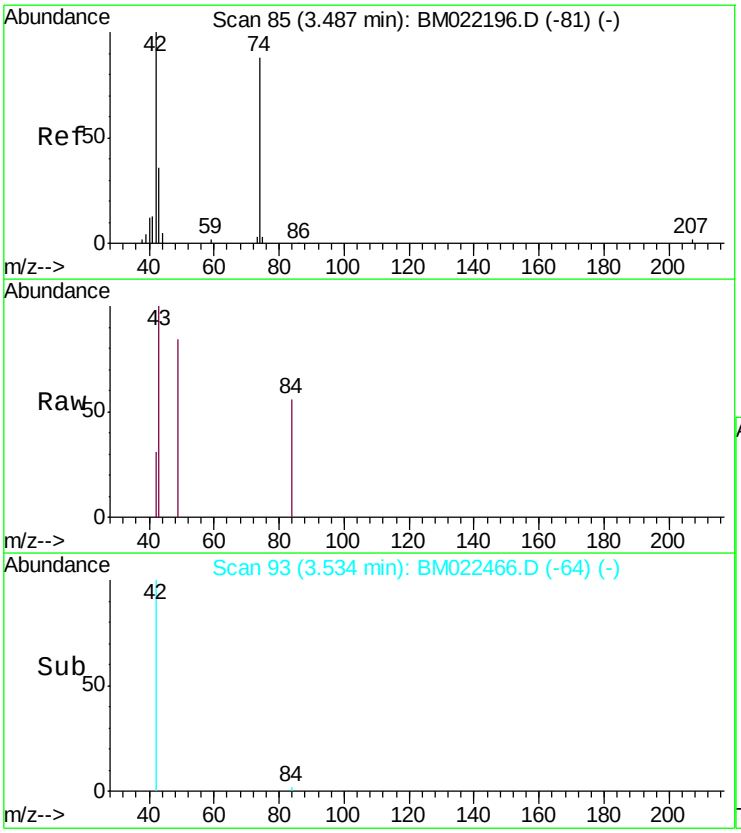
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.52 min Scan# 770
Delta R.T. -0.01 min
Lab File: BM022466.D
Acq: 31 Aug 2019 11:20

Instrument :
BNA_M
ClientSampleId :
SB-38-COMP

Tgt Ion:152 Resp: 30112

Ion	Ratio	Lower	Upper
152	100		
150	162.8	125.4	188.0
115	63.3	50.3	75.5

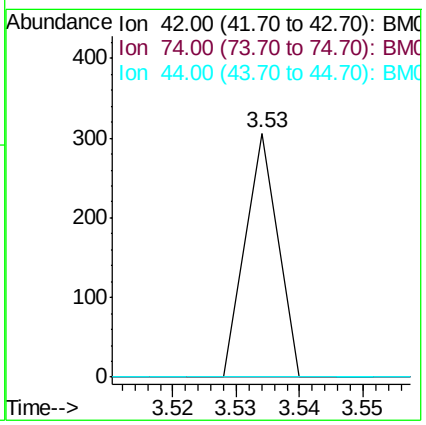


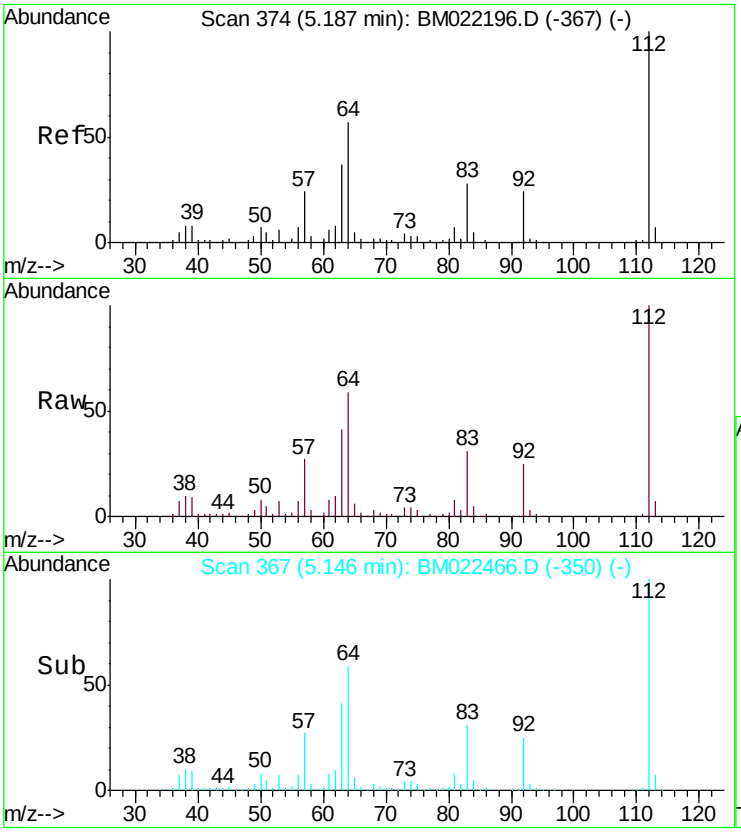


#4
n-Nitrosodimethylamine
Concen: 0.082 ng
RT: 3.53 min Scan# 93
Delta R.T. 0.07 min
Lab File: BM022466.D
Acq: 31 Aug 2019 11:20

Tgt Ion: 42 Resp: 108

Ion	Ratio	Lower	Upper
42	100		
74	0.0	63.0	94.6#
44	0.0	3.0	4.6#



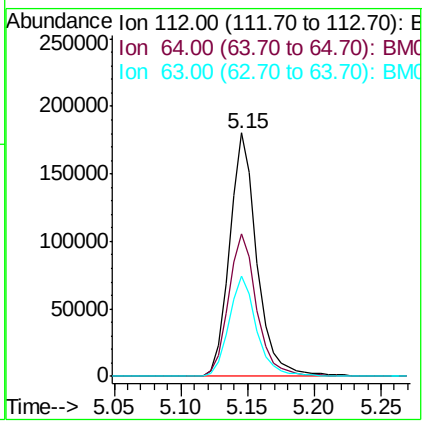


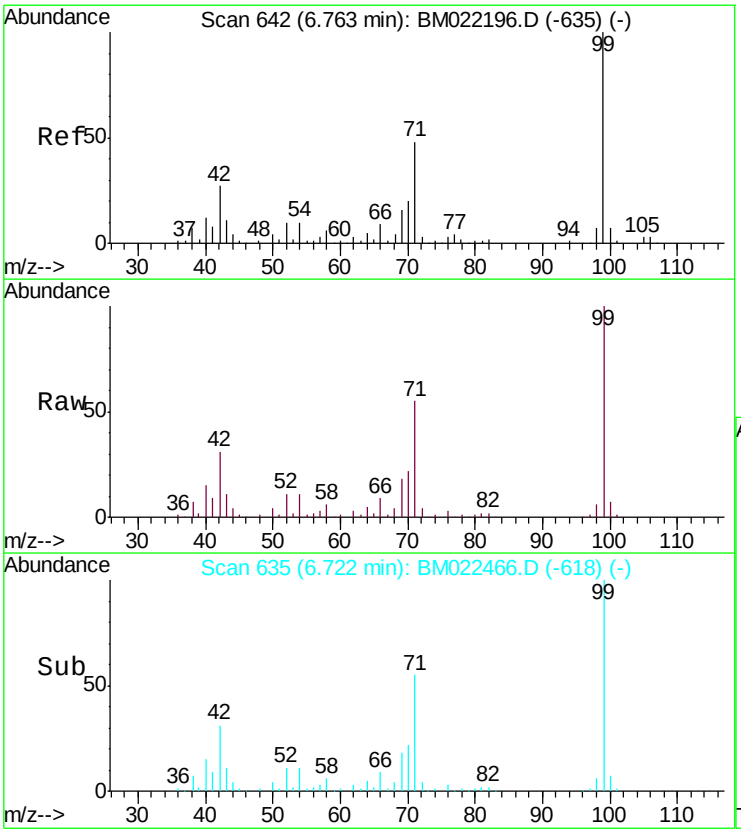
#5
2-Fluorophenol
Concen: 150.267 ng
RT: 5.15 min Scan# 367
Delta R.T. -0.00 min
Lab File: BM022466.D
Acq: 31 Aug 2019 11:20

Instrument :
BNA_M
ClientSampleId :
SB-38-COMP

Tgt Ion:112 Resp: 257778

Ion	Ratio	Lower	Upper
112	100		
64	58.5	45.4	68.2
63	41.1	34.5	51.7

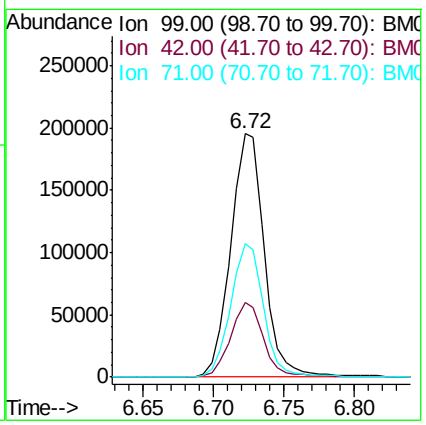


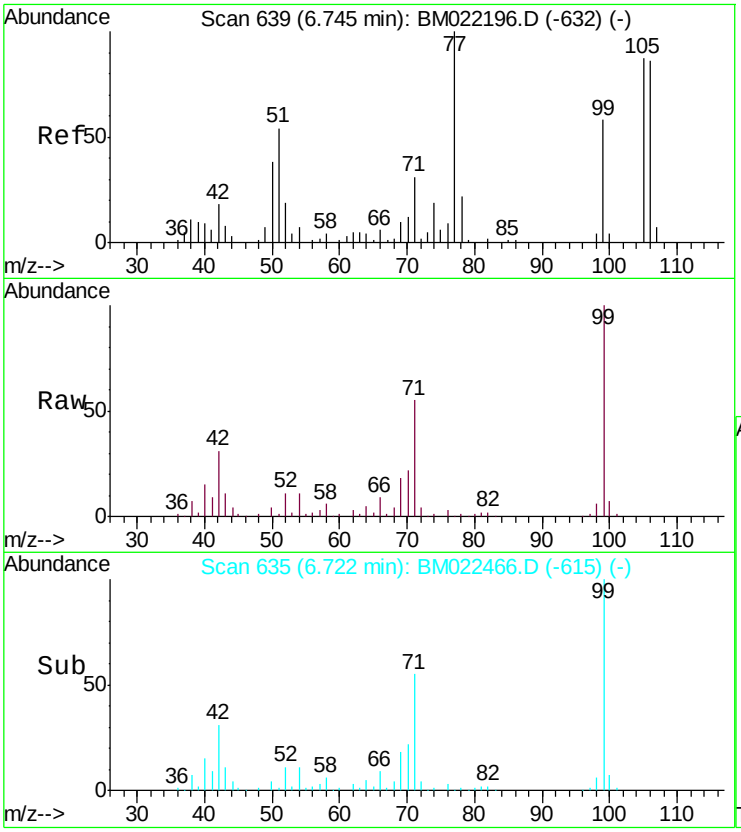


#7
Phenol-d6
Concen: 140.938 ng
RT: 6.72 min Scan# 635
Delta R.T. -0.00 min
Lab File: BM022466.D
Acq: 31 Aug 2019 11:20

Tgt Ion: 99 Resp: 323314

Ion	Ratio	Lower	Upper
99	100		
42	30.6	26.3	39.5
71	54.9	46.6	69.8



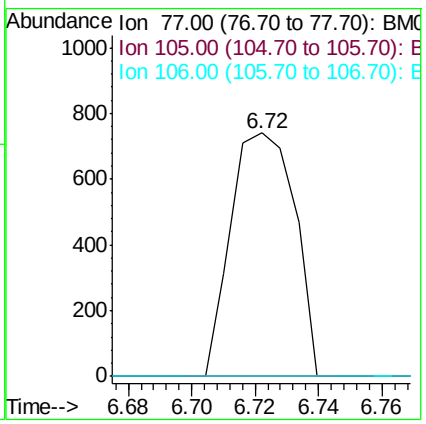


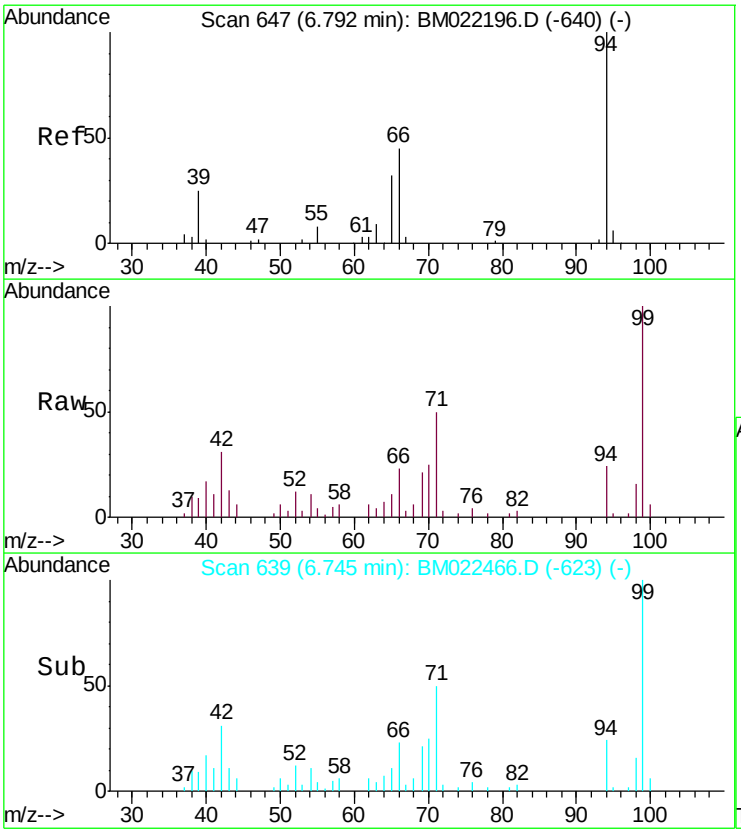
#9
Benzaldehyde
Concen: 0.723 ng
RT: 6.72 min Scan# 635
Delta R.T. 0.02 min
Lab File: BM022466.D
Acq: 31 Aug 2019 11:20

Instrument :
BNA_M
ClientSampleId :
SB-38-COMP

Tgt Ion: 77 Resp: 1033

Ion	Ratio	Lower	Upper
77	100		
105	0.0	60.1	100.1#
106	0.0	57.4	97.4#

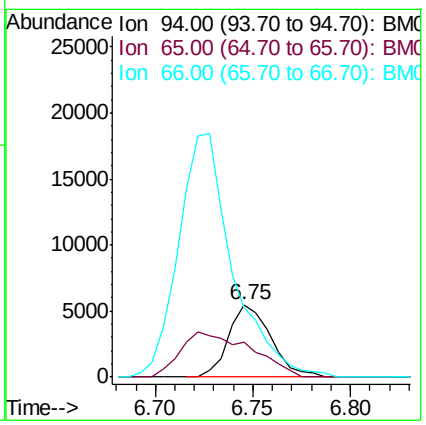


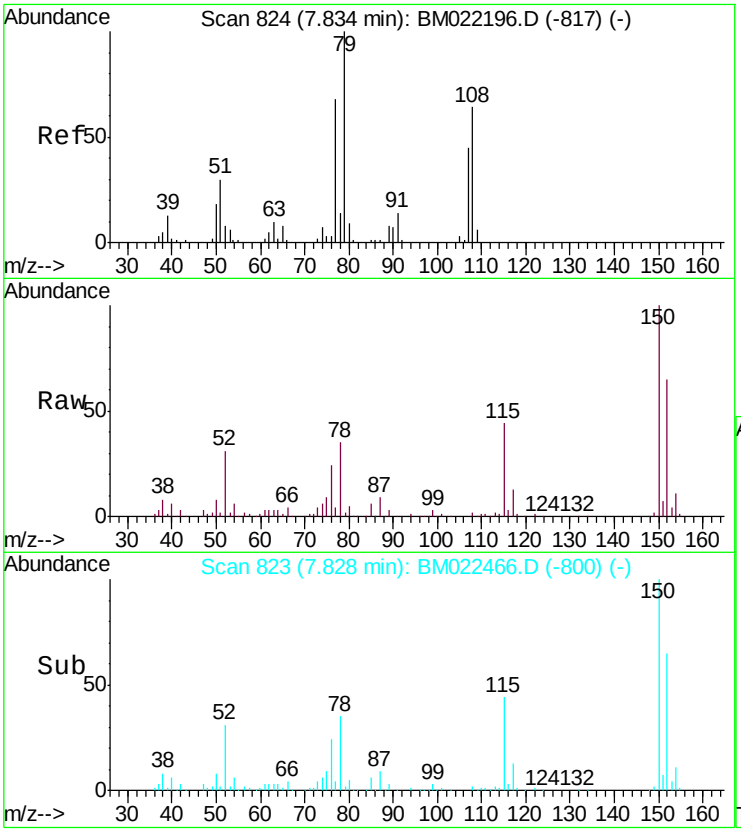


#10
Phenol
Concen: 3.554 ng
RT: 6.75 min Scan# 639
Delta R.T. -0.01 min
Lab File: BM022466.D
Acq: 31 Aug 2019 11:20

Tgt Ion: 94 Resp: 8191

Ion	Ratio	Lower	Upper
94	100		
65	48.1	17.7	57.7
66	96.4	39.6	79.6#



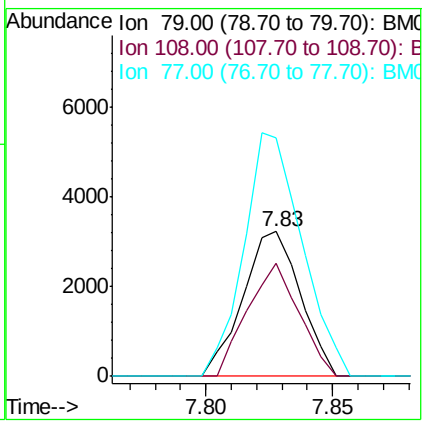


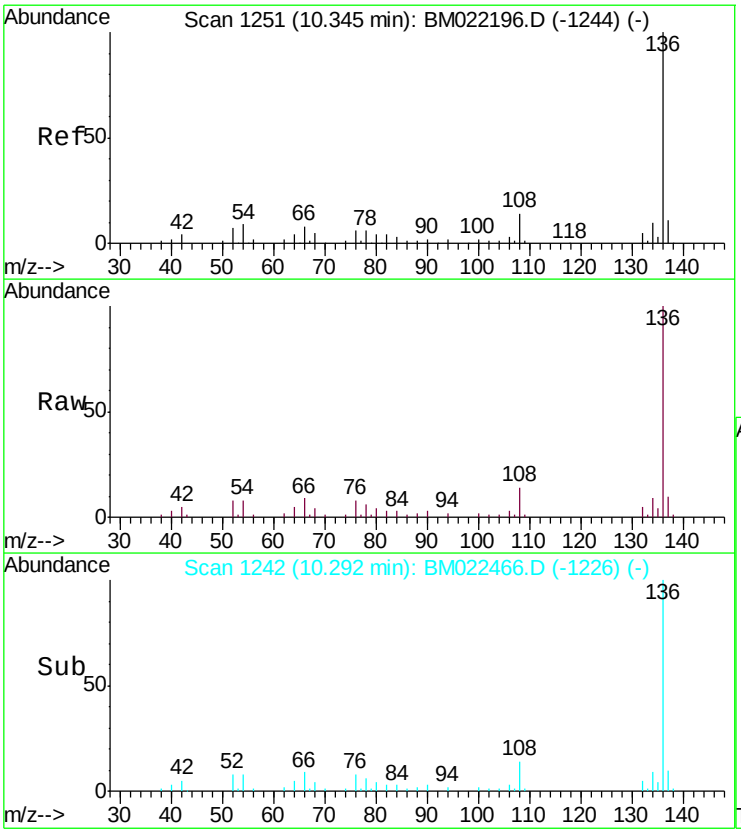
#15
Benzyl Alcohol
Concen: 2.346 ng
RT: 7.83 min Scan# 823
Delta R.T. 0.04 min
Lab File: BM022466.D
Acq: 31 Aug 2019 11:20

Instrument :
BNA_M
ClientSampleId :
SB-38-COMP

Tgt Ion: 79 Resp: 5106

Ion	Ratio	Lower	Upper
79	100		
108	77.8	48.2	72.4#
77	164.9	56.6	85.0#

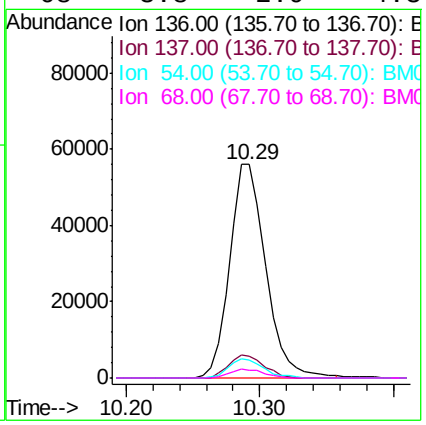


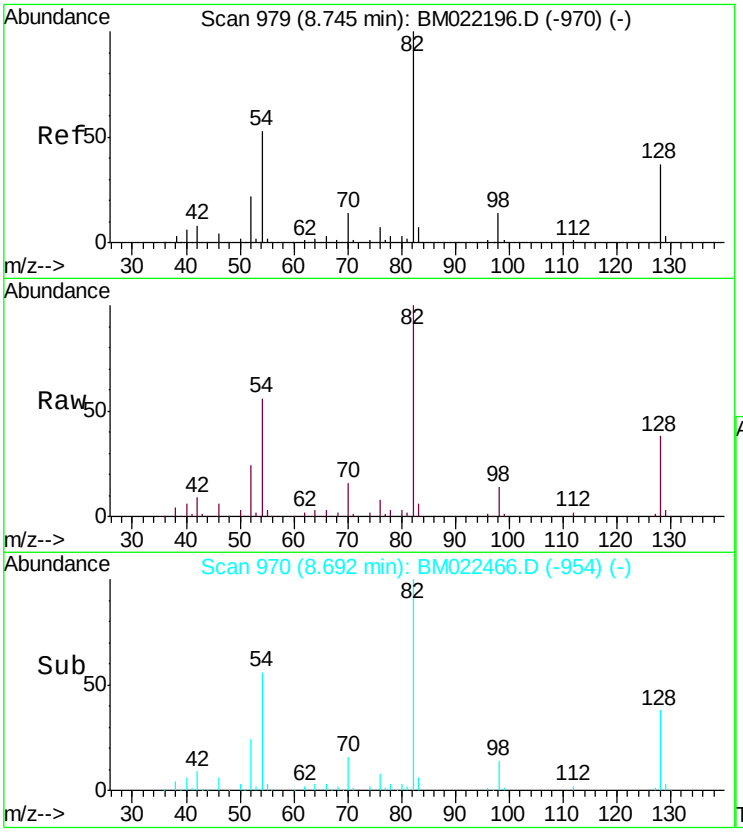


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BM022466.D
Acq: 31 Aug 2019 11:20

Tgt Ion:136 Resp: 105156

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.6	13.0
54	8.5	7.0	10.6
68	3.8	2.9	4.3



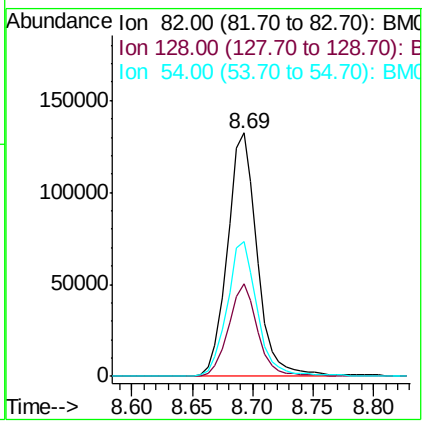


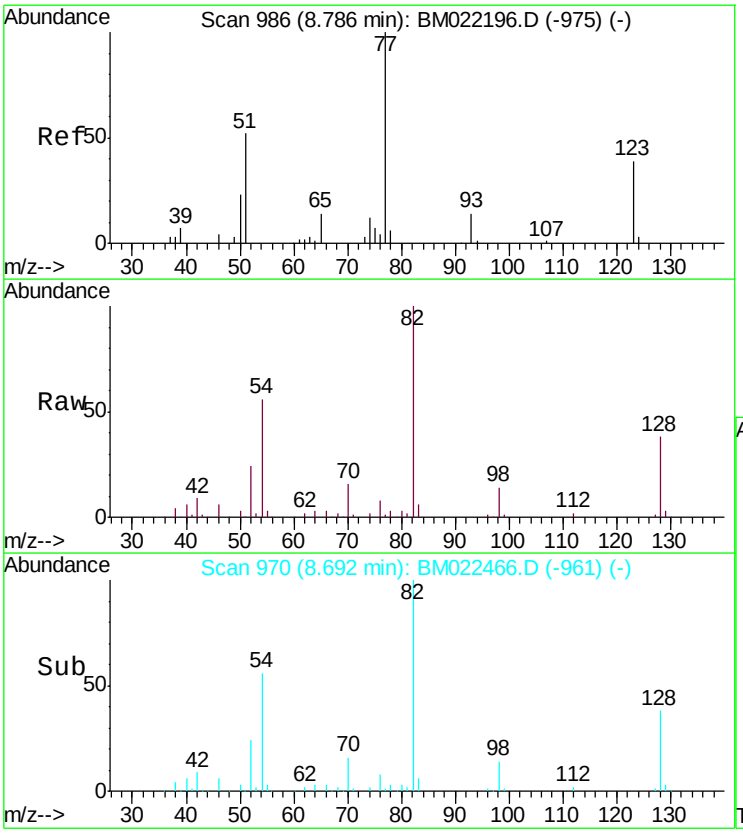
#23
Nitrobenzene-d5
Concen: 94.658 ng
RT: 8.69 min Scan# 970
Delta R.T. -0.01 min
Lab File: BM022466.D
Acq: 31 Aug 2019 11:20

Instrument :
BNA_M
ClientSampleId :
SB-38-COMP

Tgt Ion: 82 Resp: 227255

Ion	Ratio	Lower	Upper
82	100		
128	37.9	27.9	41.9
54	55.5	45.2	67.8

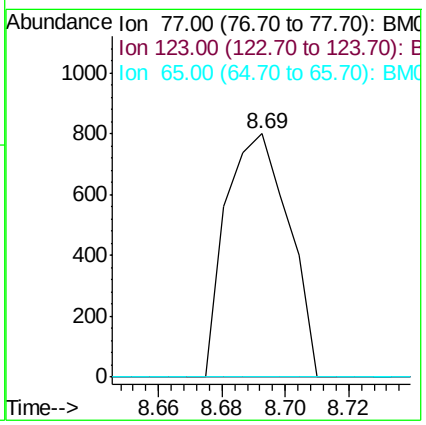


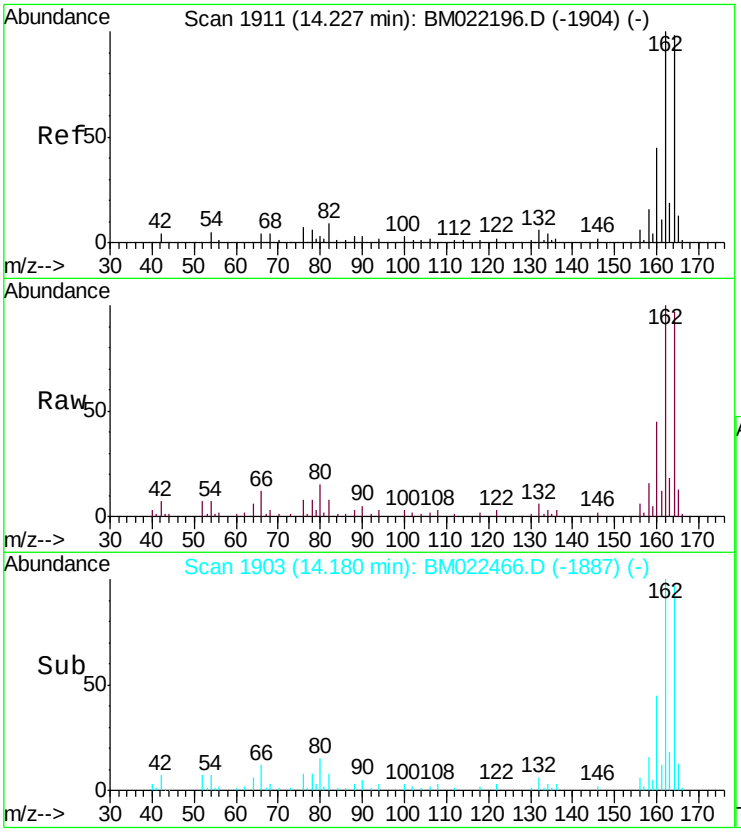


#24
Nitrobenzene
Concen: 0.473 ng
RT: 8.69 min Scan# 970
Delta R.T. -0.05 min
Lab File: BM022466.D
Acq: 31 Aug 2019 11:20

Tgt Ion: 77 Resp: 1093

Ion	Ratio	Lower	Upper
77	100		
123	0.0	30.0	45.0#
65	0.0	11.5	17.3#



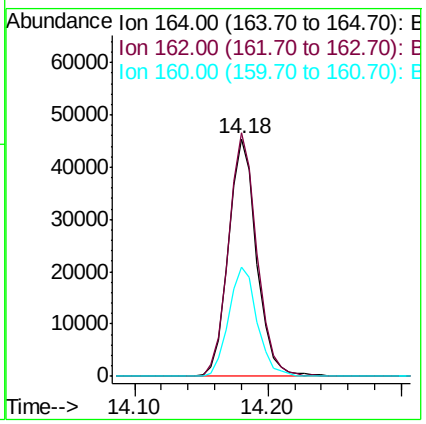


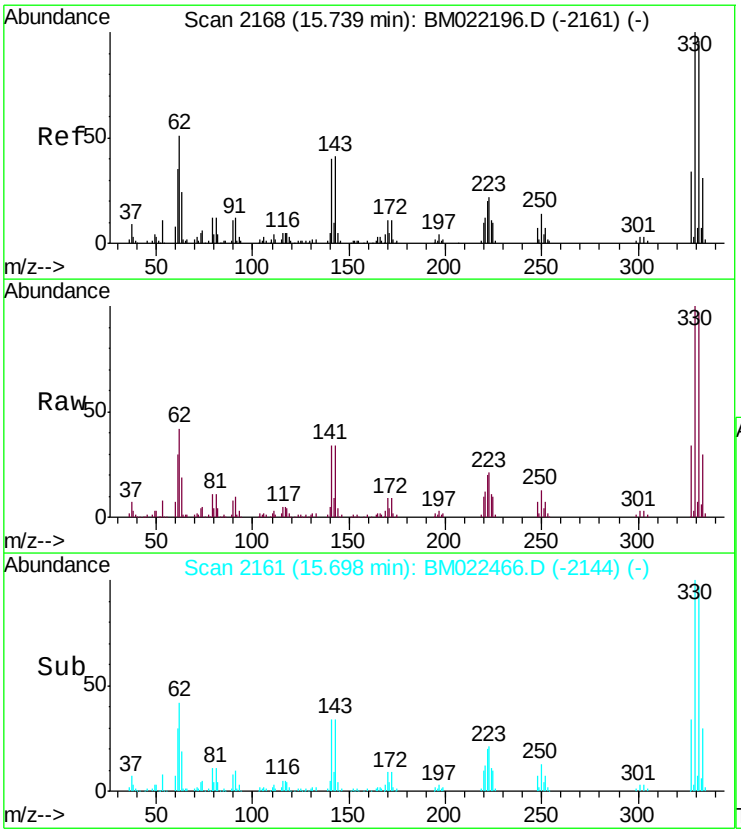
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.18 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM022466.D
Acq: 31 Aug 2019 11:20

Instrument :
BNA_M
ClientSampleId :
SB-38-COMP

Tgt Ion:164 Resp: 66885

Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.6	121.0
160	46.0	37.3	55.9

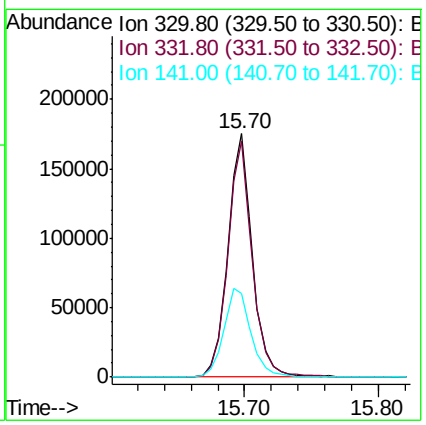


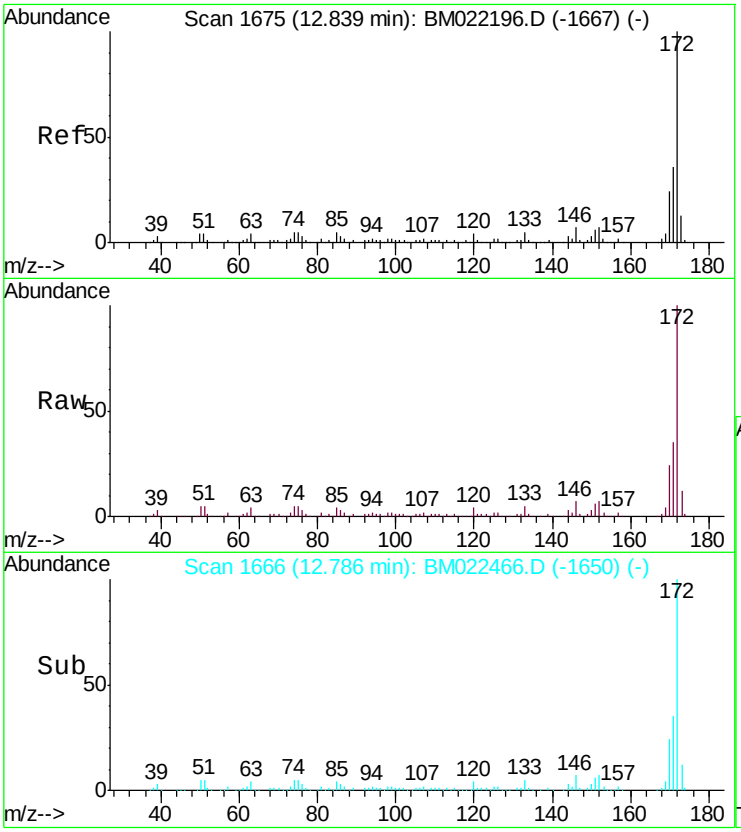


#42
2,4,6-Tribromophenol
Concen: 164.495 ng
RT: 15.70 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BM022466.D
Acq: 31 Aug 2019 11:20

Tgt Ion:330 Resp: 225136

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.8	116.8
141	40.7	35.6	53.4



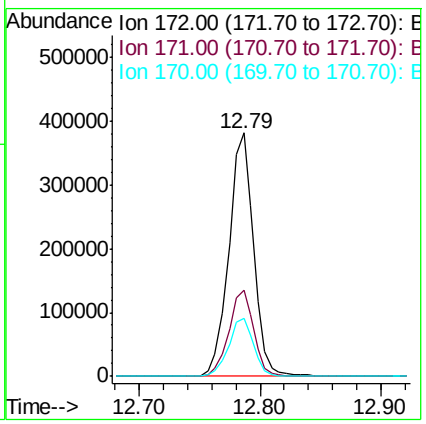


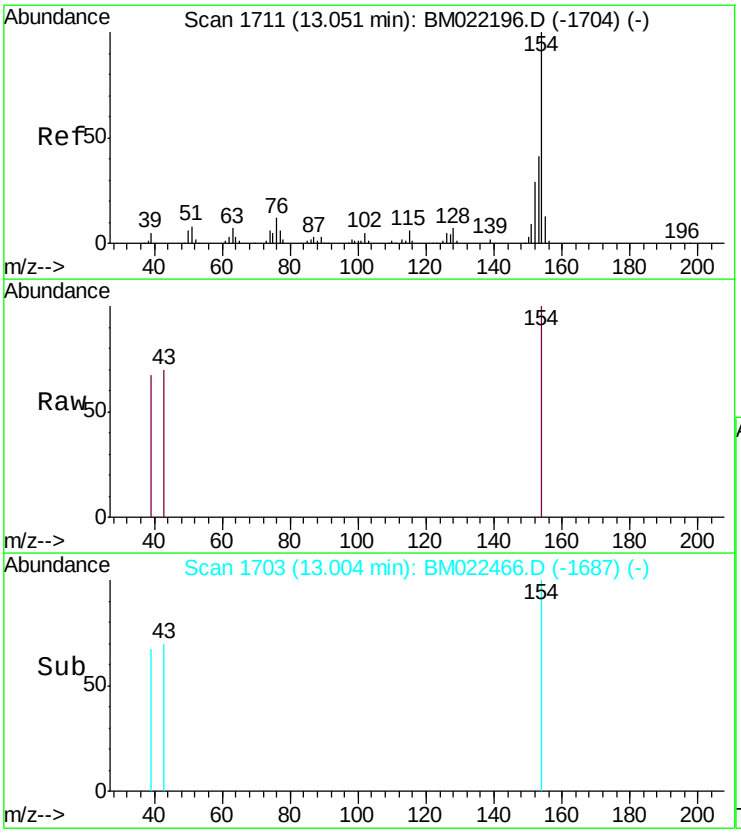
#45
2-Fluorobiphenyl
Concen: 92.264 ng
RT: 12.79 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BM022466.D
Acq: 31 Aug 2019 11:20

Instrument :
BNA_M
ClientSampleId :
SB-38-COMP

Tgt Ion:172 Resp: 544743

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.7	18.9	28.3

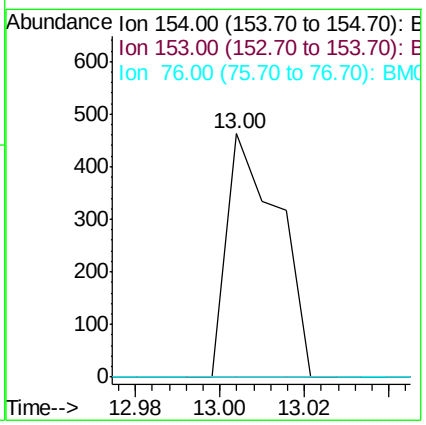


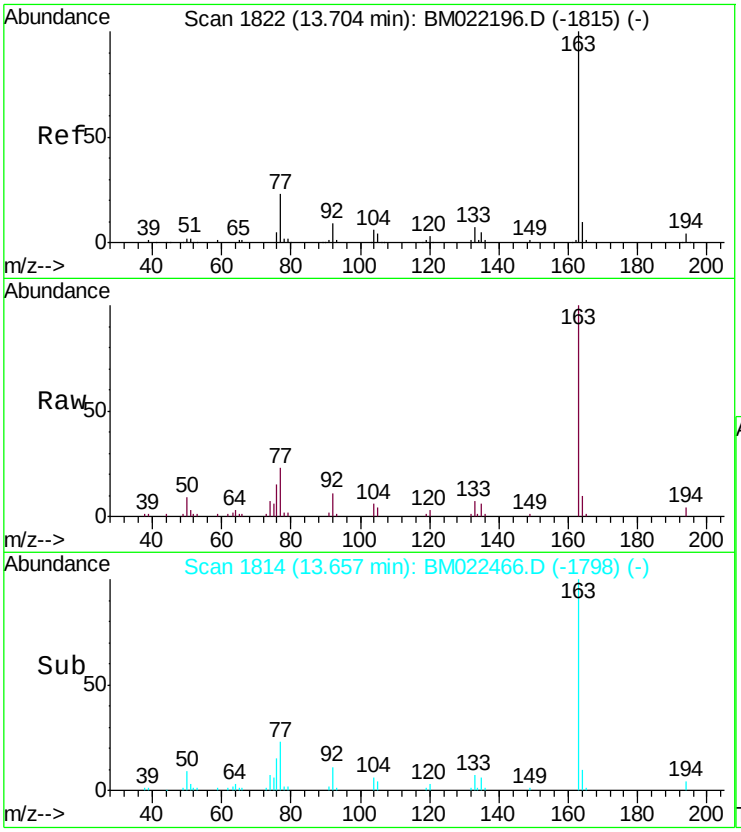


#46
1,1'-Biphenyl
Concen: 0.072 ng
RT: 13.00 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BM022466.D
Acq: 31 Aug 2019 11:20

Tgt Ion:154 Resp: 394

Ion	Ratio	Lower	Upper
154	100		
153	0.0	20.4	60.4#
76	0.0	0.0	30.9



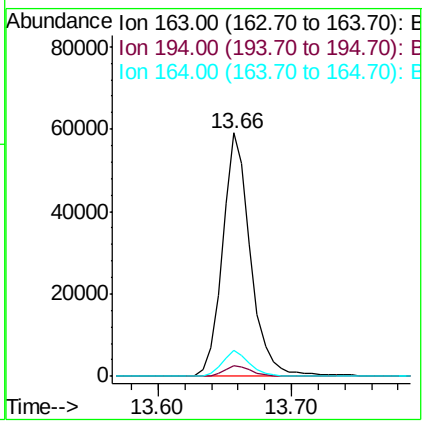


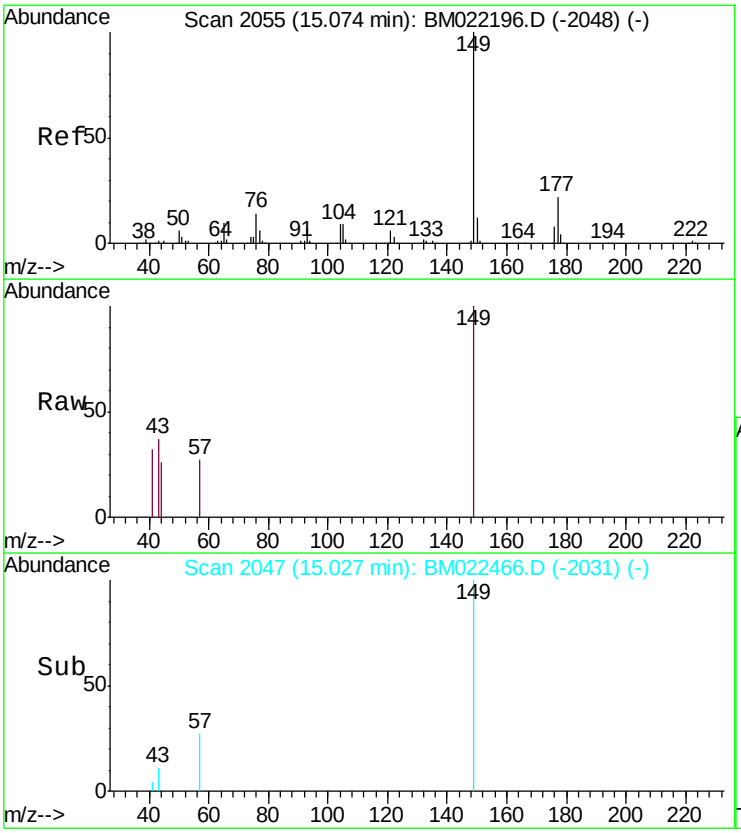
#50
Dimethylphthalate
Concen: 14.877 ng
RT: 13.66 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BM022466.D
Acq: 31 Aug 2019 11:20

Instrument :
BNA_M
ClientSampleId :
SB-38-COMP

Tgt Ion:163 Resp: 86546

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.5	8.2	12.2

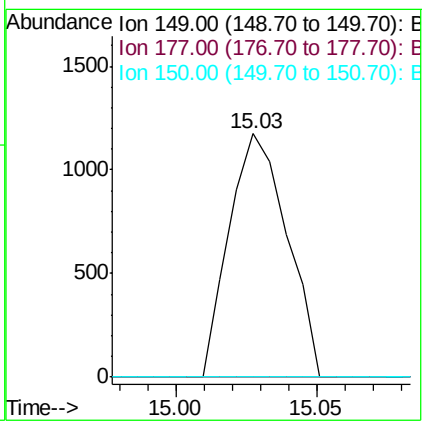


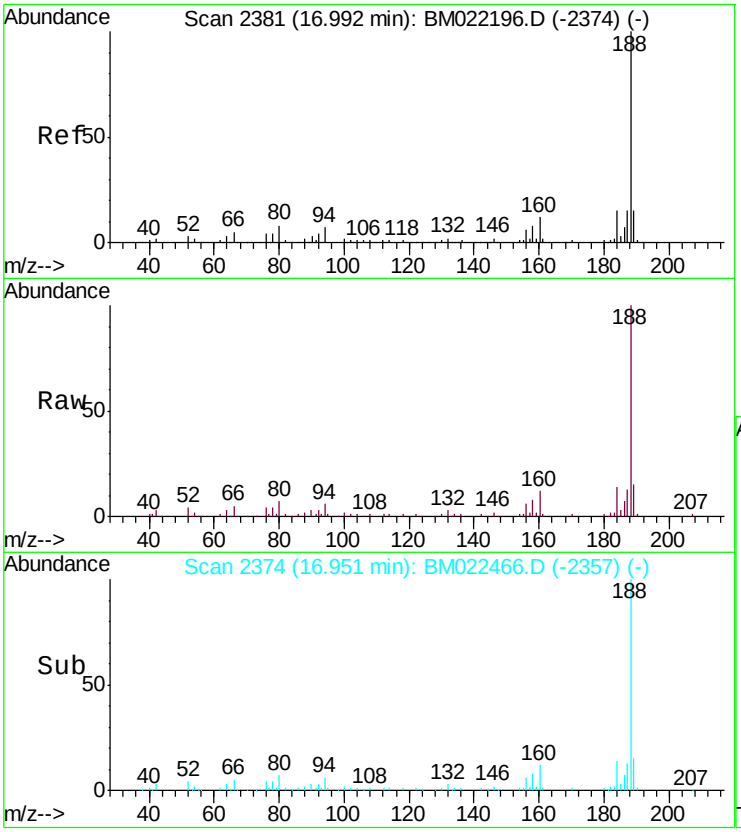


#60
Diethylphthalate
Concen: 0.275 ng
RT: 15.03 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BM022466.D
Acq: 31 Aug 2019 11:20

Tgt Ion:149 Resp: 1668

Ion	Ratio	Lower	Upper
149	100		
177	0.0	16.6	25.0#
150	0.0	9.8	14.8#



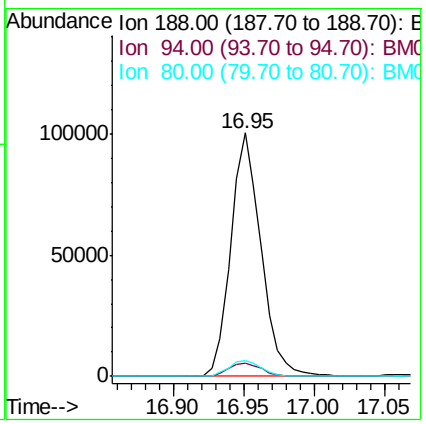


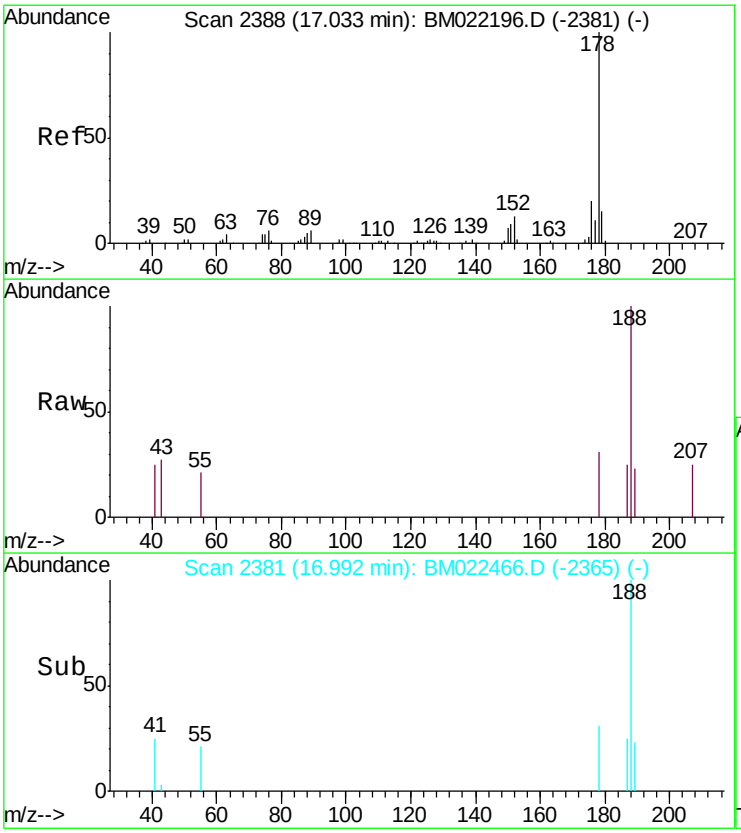
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BM022466.D
Acq: 31 Aug 2019 11:20

Instrument :
BNA_M
ClientSampleId :
SB-38-COMP

Tgt Ion:188 Resp: 149477

Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.4	6.6
80	6.7	5.0	7.6

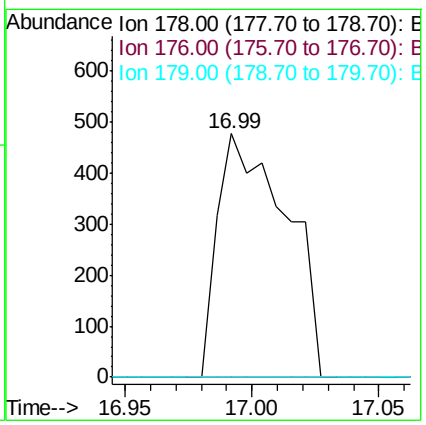


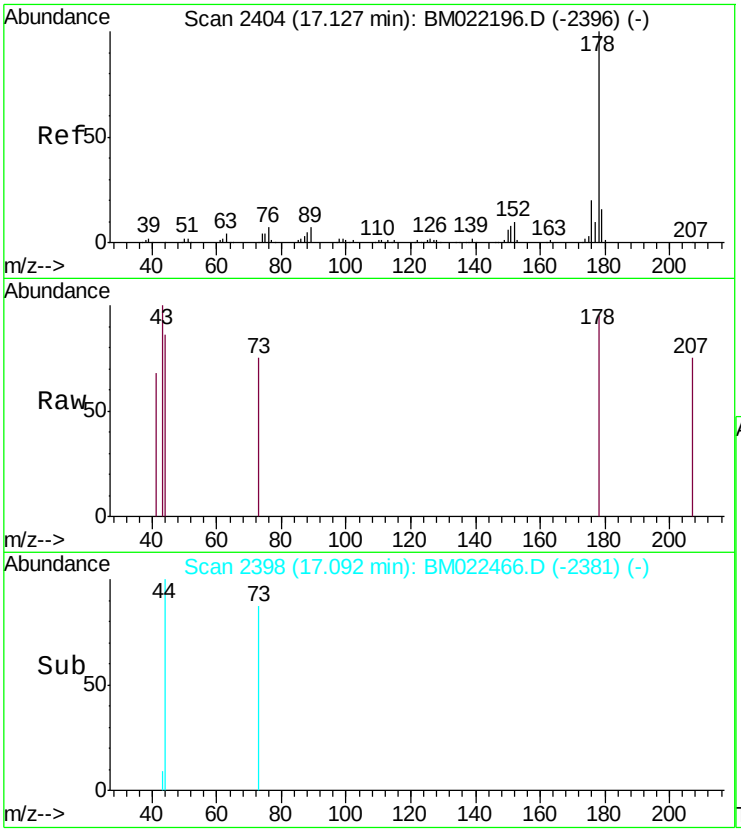


#71
Phenanthrene
Concen: 0.104 ng
RT: 16.99 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BM022466.D
Acq: 31 Aug 2019 11:20

Tgt Ion:178 Resp: 902

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.4	23.2#
179	0.0	12.3	18.5#



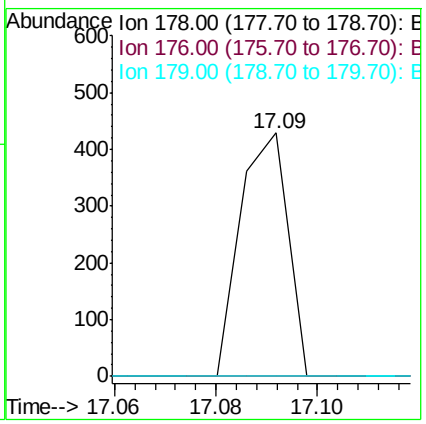


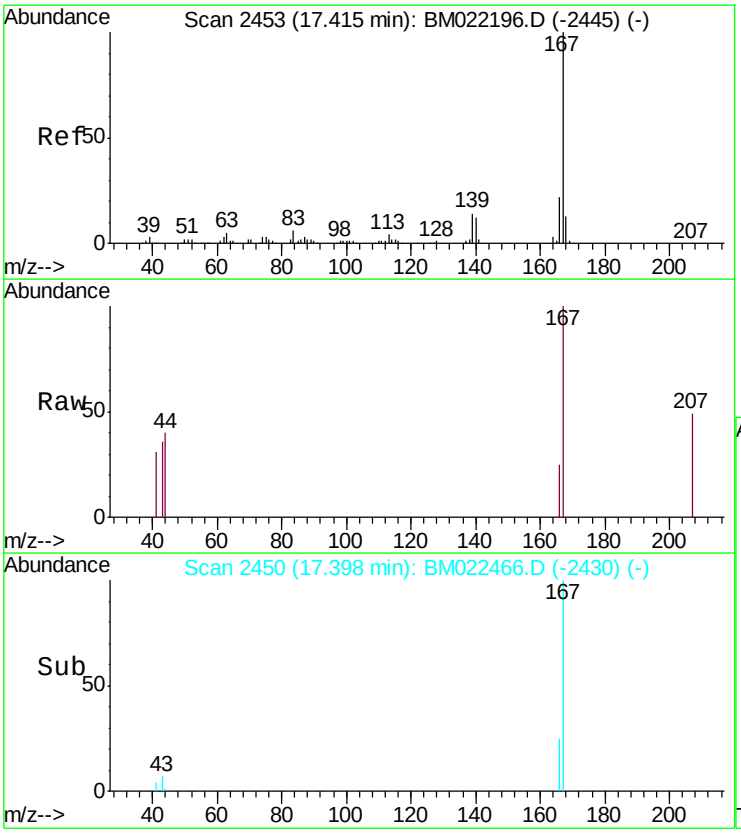
#72
Anthracene
Concen: 0.033 ng
RT: 17.09 min Scan# 2398
Delta R.T. -0.00 min
Lab File: BM022466.D
Acq: 31 Aug 2019 11:20

Instrument :
BNA_M
ClientSampleId :
SB-38-COMP

Tgt Ion:178 Resp: 279

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.4#
179	0.0	11.8	17.6#

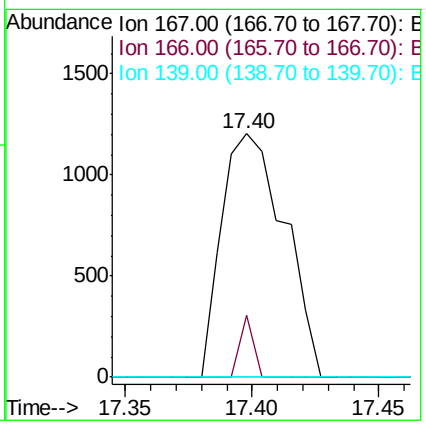


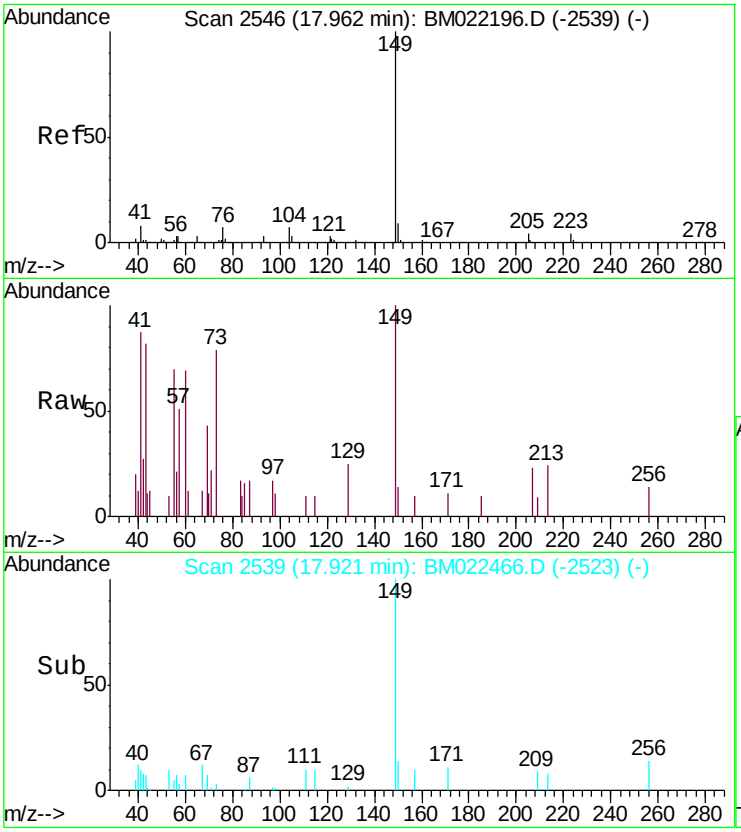


#73
Carbazole
Concen: 0.294 ng
RT: 17.40 min Scan# 2450
Delta R.T. 0.02 min
Lab File: BM022466.D
Acq: 31 Aug 2019 11:20

Tgt Ion:167 Resp: 2082

Ion	Ratio	Lower	Upper
167	100		
166	25.4	17.8	26.6
139	0.0	11.6	17.4#



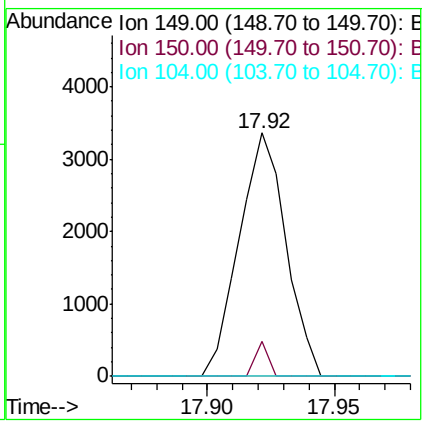


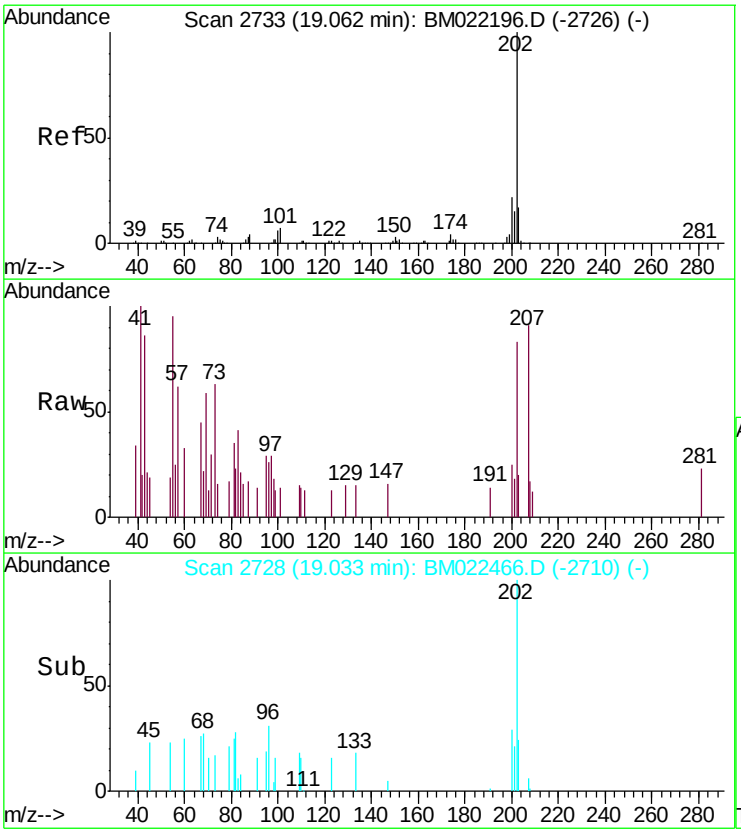
#74
Di-n-butylphthalate
Concen: 0.448 ng
RT: 17.92 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BM022466.D
Acq: 31 Aug 2019 11:20

Instrument :
BNA_M
ClientSampleId :
SB-38-COMP

Tgt Ion:149 Resp: 4309

Ion	Ratio	Lower	Upper
149	100		
150	14.2	7.4	11.0#
104	0.0	5.6	8.4#

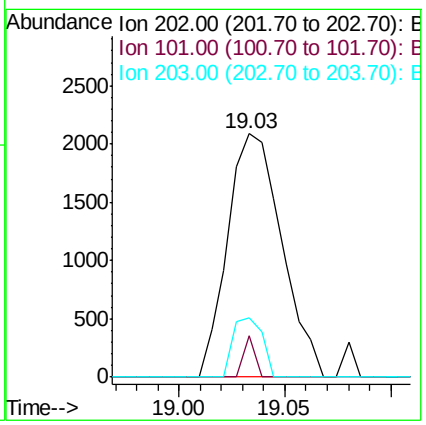


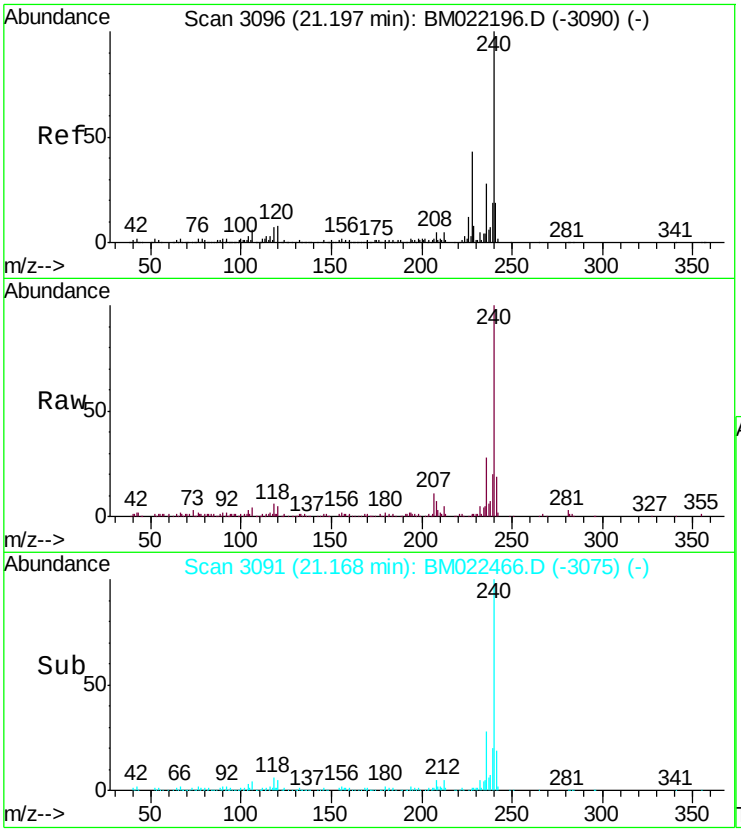


#75
Fluoranthene
Concen: 0.320 ng
RT: 19.03 min Scan# 2728
Delta R.T. 0.01 min
Lab File: BM022466.D
Acq: 31 Aug 2019 11:20

Tgt Ion:202 Resp: 3718

Ion	Ratio	Lower	Upper
202	100		
101	17.0	0.0	25.1
203	24.3	0.0	37.1



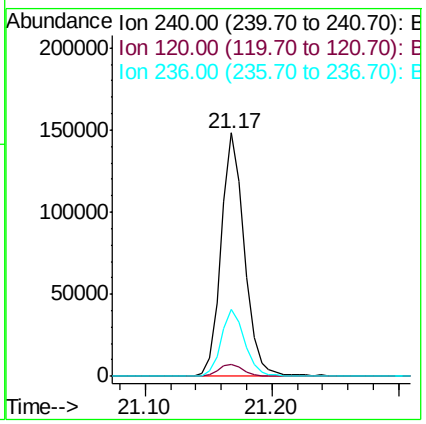


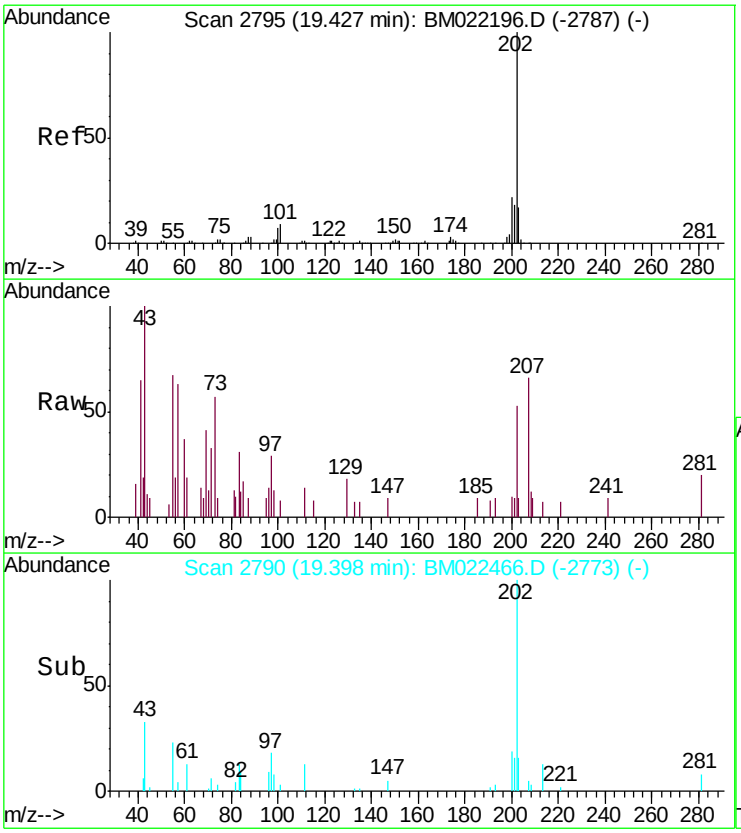
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM022466.D
Acq: 31 Aug 2019 11:20

Instrument :
BNA_M
ClientSampleId :
SB-38-COMP

Tgt Ion:240 Resp: 189109

Ion	Ratio	Lower	Upper
240	100		
120	4.8	3.9	5.9
236	27.6	21.4	32.2

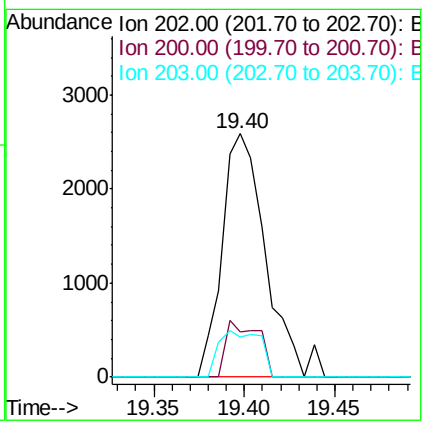


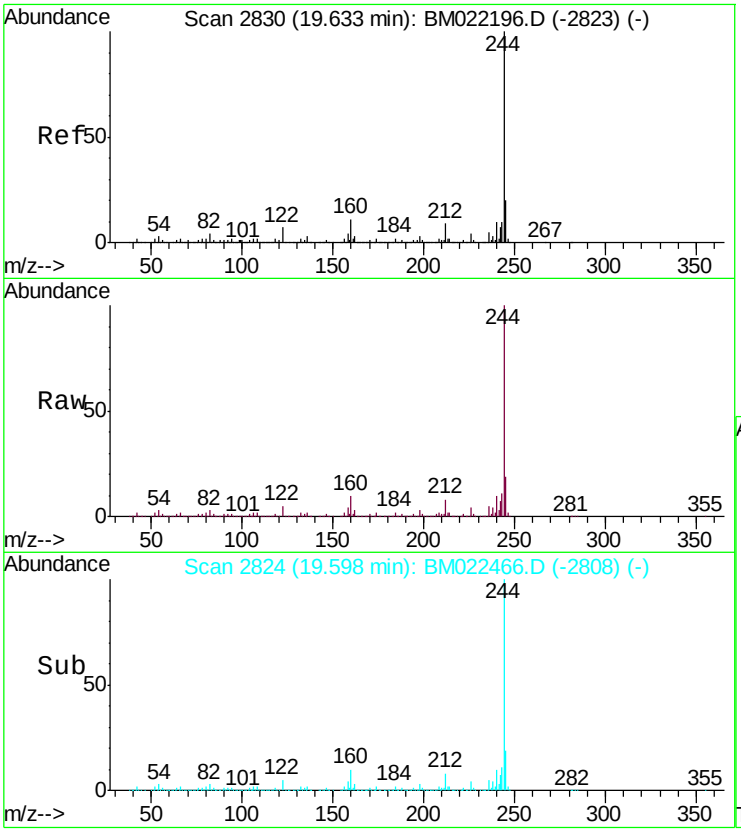


#78
Pyrene
Concen: 0.337 ng
RT: 19.40 min Scan# 2790
Delta R.T. -0.00 min
Lab File: BM022466.D
Acq: 31 Aug 2019 11:20

Tgt Ion:202 Resp: 4344

Ion	Ratio	Lower	Upper
202	100		
200	18.7	17.7	26.5
203	16.3	13.8	20.8



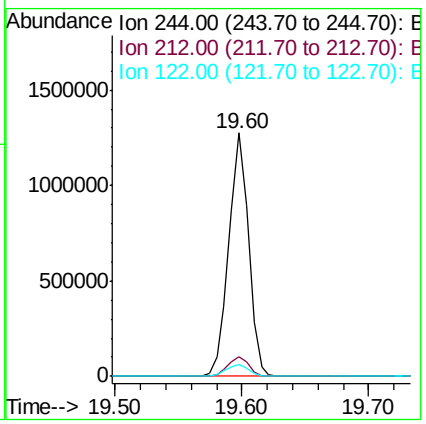


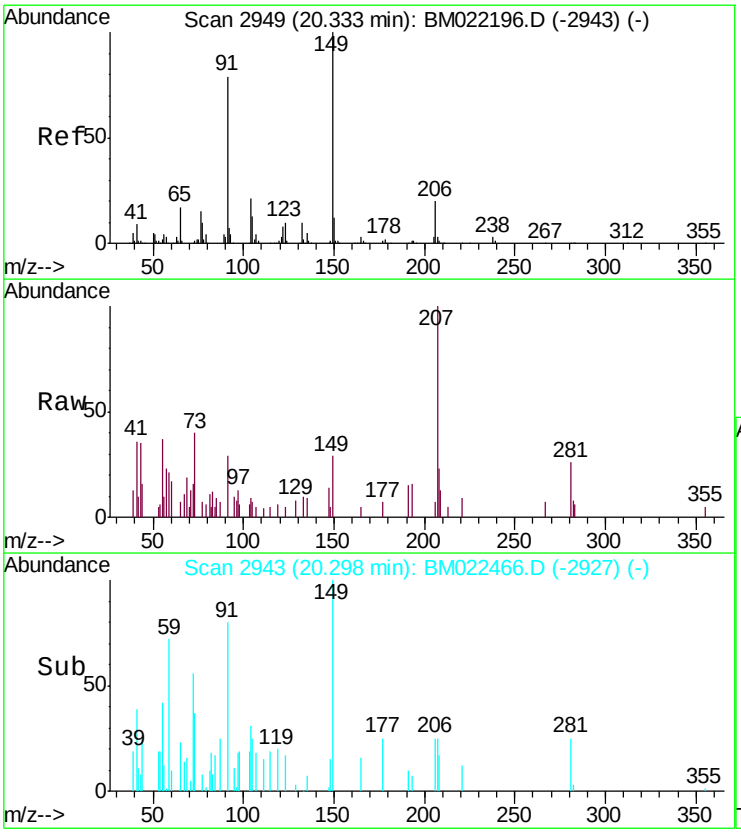
#79
Terphenyl-d14
Concen: 95.443 ng
RT: 19.60 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM022466.D
Acq: 31 Aug 2019 11:20

Instrument :
BNA_M
ClientSampleId :
SB-38-COMP

Tgt Ion:244 Resp: 1367623

Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.0	10.4
122	4.9	3.9	5.9

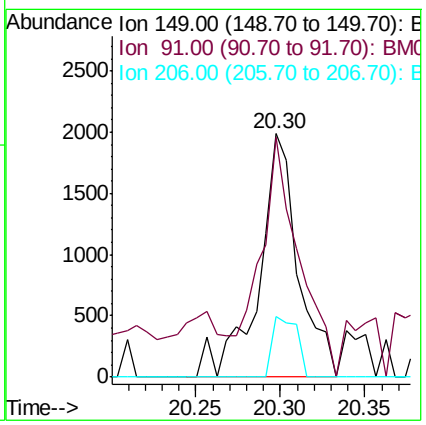


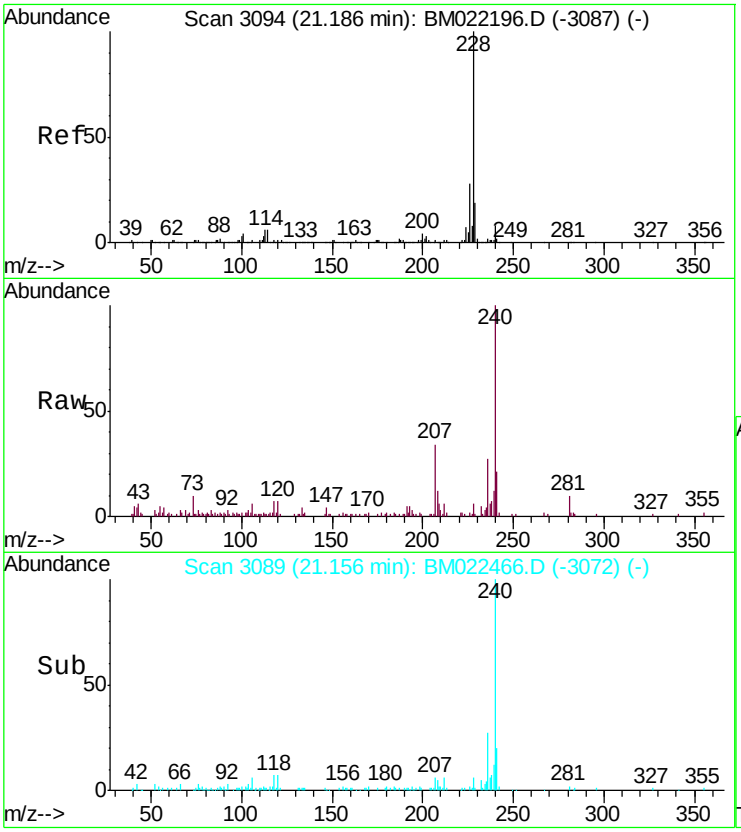


#80
Butylbenzylphthalate
Concen: 0.707 ng
RT: 20.30 min Scan# 2943
Delta R.T. -0.01 min
Lab File: BM022466.D
Acq: 31 Aug 2019 11:20

Tgt Ion:149 Resp: 3179

Ion	Ratio	Lower	Upper
149	100		
91	98.4	64.0	96.0#
206	24.7	17.6	26.4



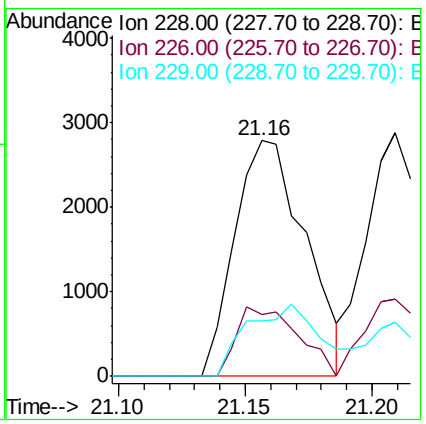


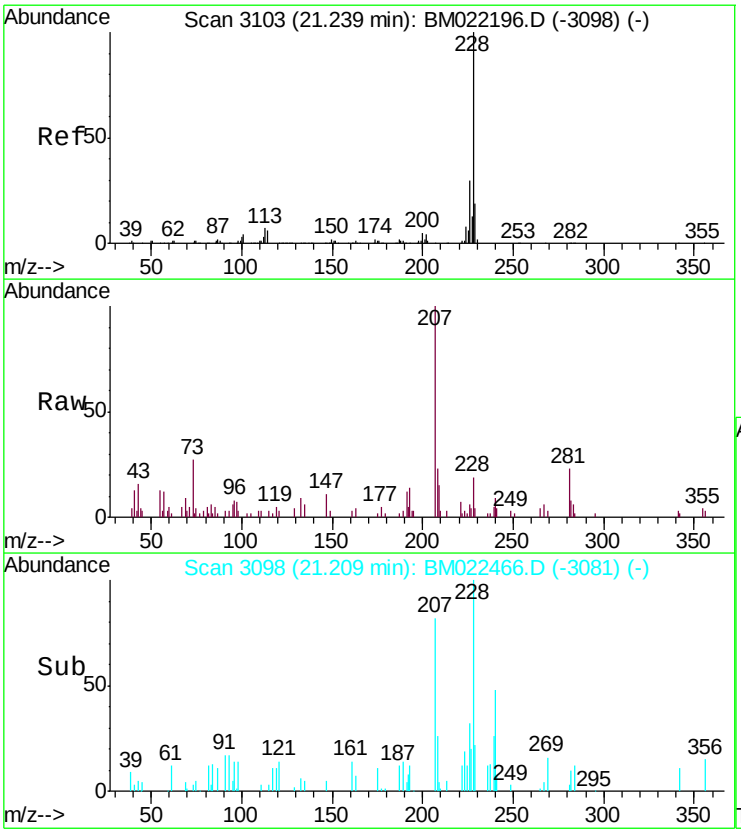
#81
Benzo(a)anthracene
Concen: 0.398 ng
RT: 21.16 min Scan# 3089
Delta R.T. -0.00 min
Lab File: BM022466.D
Acq: 31 Aug 2019 11:20

Instrument :
BNA_M
ClientSampleId :
SB-38-COMP

Tgt Ion:228 Resp: 5397

Ion	Ratio	Lower	Upper
228	100		
226	26.0	22.6	34.0
229	23.7	15.9	23.9

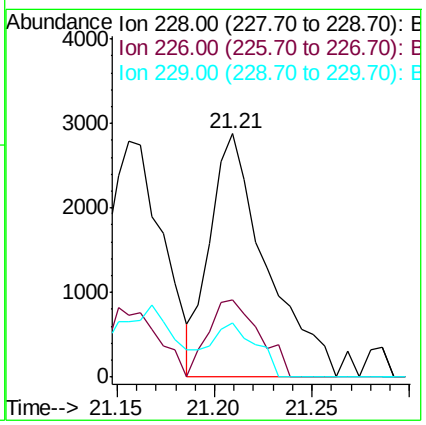


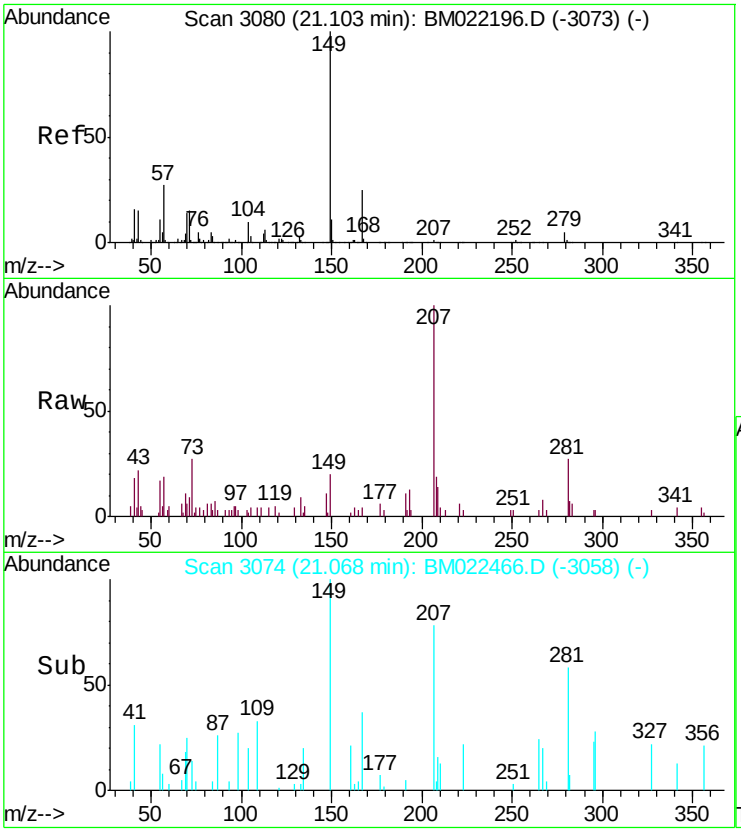


#83
Chrysene
Concen: 0.445 ng
RT: 21.21 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BM022466.D
Acq: 31 Aug 2019 11:20

Tgt Ion:228 Resp: 5753

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.5	36.7
229	22.4	15.7	23.5



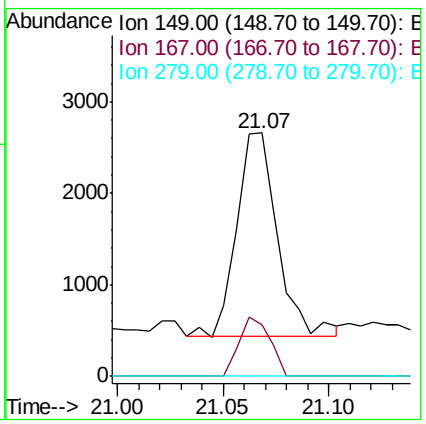


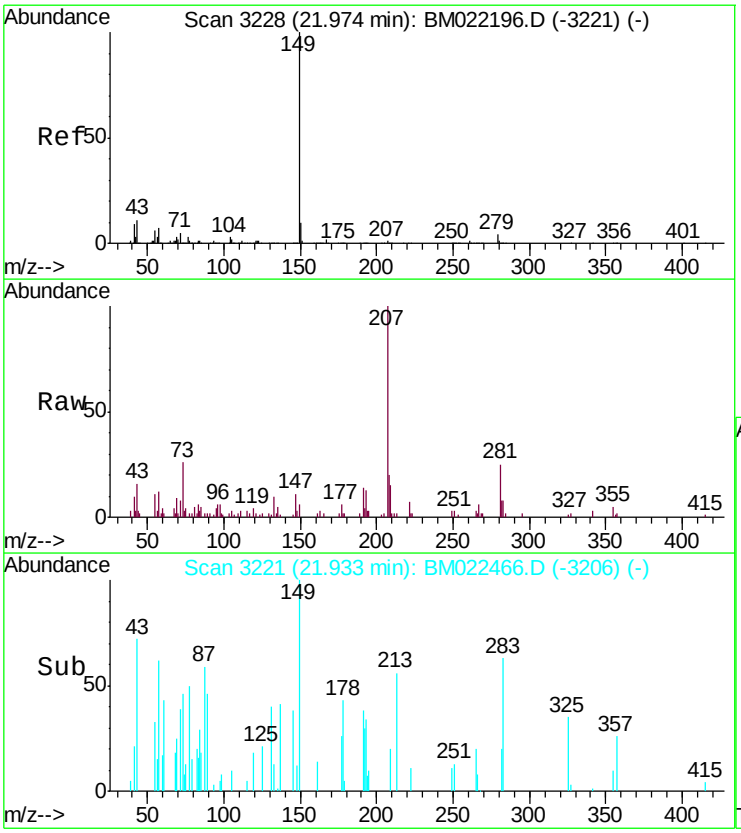
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.486 ng
RT: 21.07 min Scan# 3074
Delta R.T. -0.01 min
Lab File: BM022466.D
Acq: 31 Aug 2019 11:20

Instrument :
BNA_M
ClientSampleId :
SB-38-COMP

Tgt Ion:149 Resp: 2966

Ion	Ratio	Lower	Upper
149	100		
167	21.3	19.6	29.4
279	0.0	4.4	6.6#

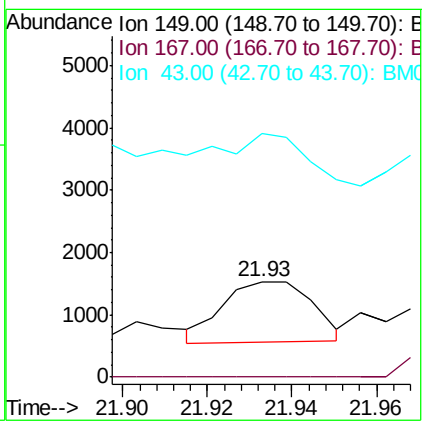


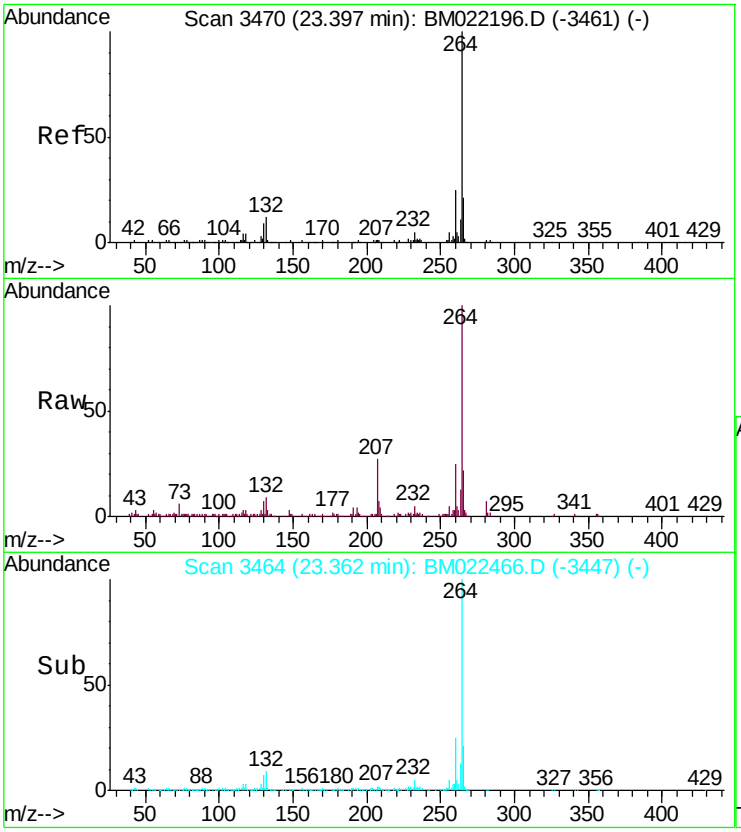


#85
Di-n-octyl phthalate
Concen: 0.148 ng
RT: 21.93 min Scan# 3221
Delta R.T. -0.01 min
Lab File: BM022466.D
Acq: 31 Aug 2019 11:20

Tgt Ion:149 Resp: 1447

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	78.0	9.0	13.6#



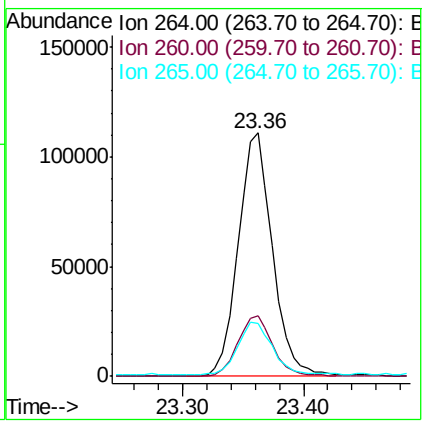


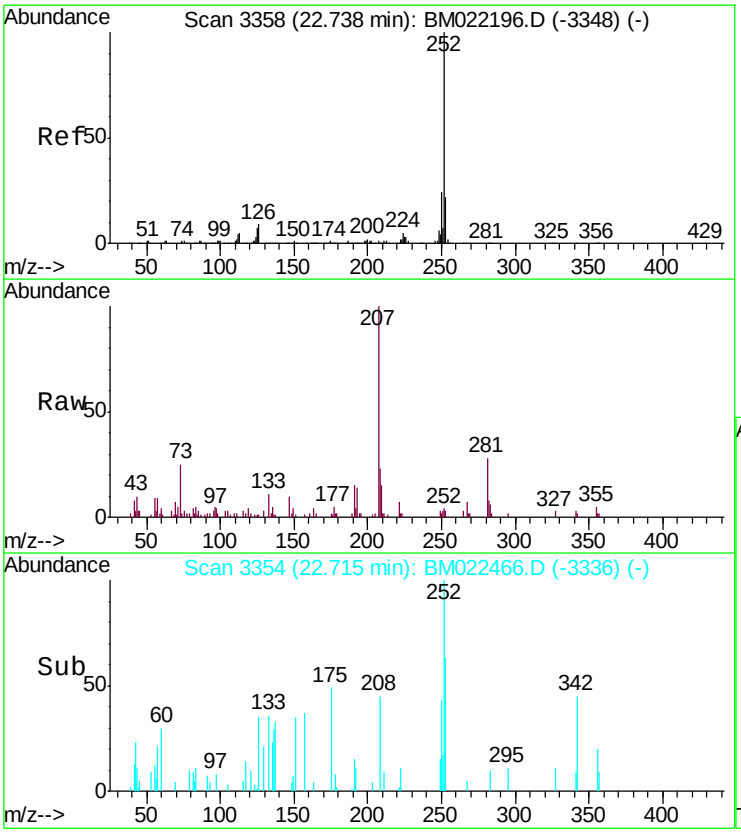
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.36 min Scan# 3464
Delta R.T. -0.00 min
Lab File: BM022466.D
Acq: 31 Aug 2019 11:20

Instrument :
BNA_M
ClientSampleId :
SB-38-COMP

Tgt Ion:264 Resp: 218757

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.2	30.2
265	21.8	18.2	27.2

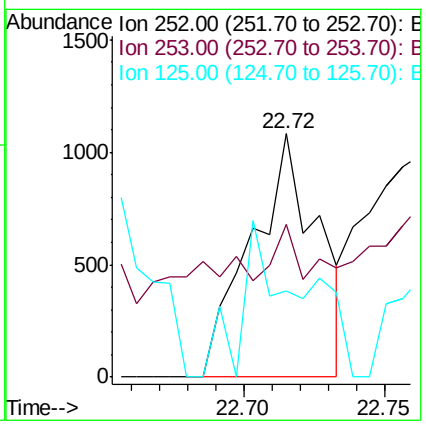


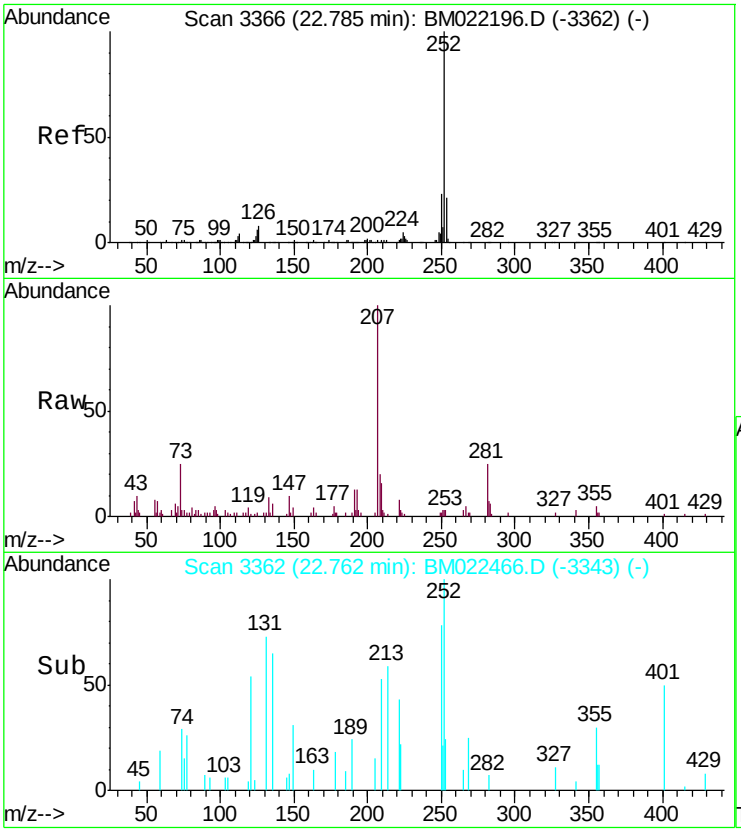


#88
Benzo(b)fluoranthene
Concen: 0.116 ng
RT: 22.72 min Scan# 3354
Delta R.T. 0.01 min
Lab File: BM022466.D
Acq: 31 Aug 2019 11:20

Tgt Ion:252 Resp: 1769

Ion	Ratio	Lower	Upper
252	100		
253	62.9	17.9	26.9#
125	35.5	3.5	5.3#



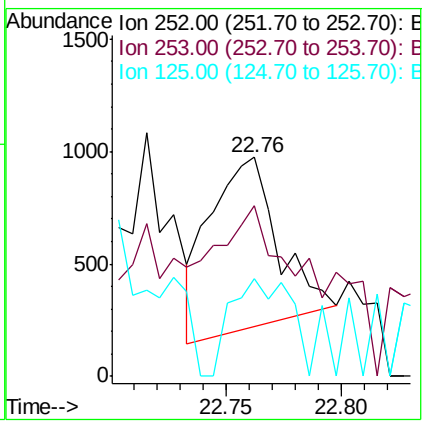


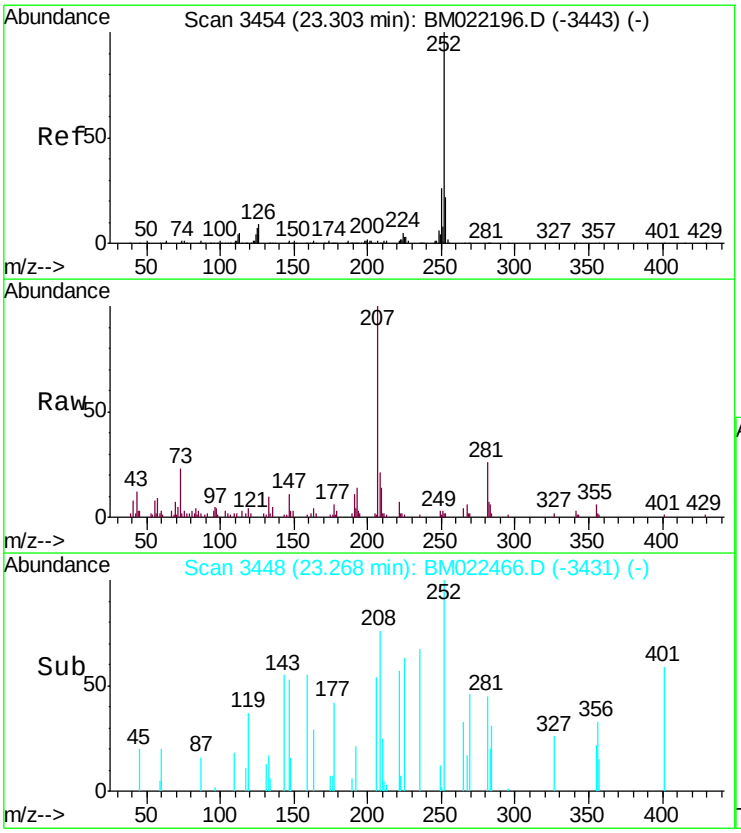
#89
Benzo(k)fluoranthene
Concen: 0.105 ng
RT: 22.76 min Scan# 3362
Delta R.T. 0.01 min
Lab File: BM022466.D
Acq: 31 Aug 2019 11:20

Instrument :
BNA_M
ClientSampleId :
SB-38-COMP

Tgt Ion:252 Resp: 1587

Ion	Ratio	Lower	Upper
252	100		
253	78.0	17.0	25.4#
125	44.6	3.7	5.5#





#90
Benzo(a)pyrene
Concen: 0.093 ng
RT: 23.27 min Scan# 3448
Delta R.T. -0.00 min
Lab File: BM022466.D
Acq: 31 Aug 2019 11:20

Tgt Ion:252 Resp: 1250

Ion	Ratio	Lower	Upper
252	100		
253	97.1	18.2	27.2#
125	0.0	3.8	5.8#